EP 0 745 938 A2

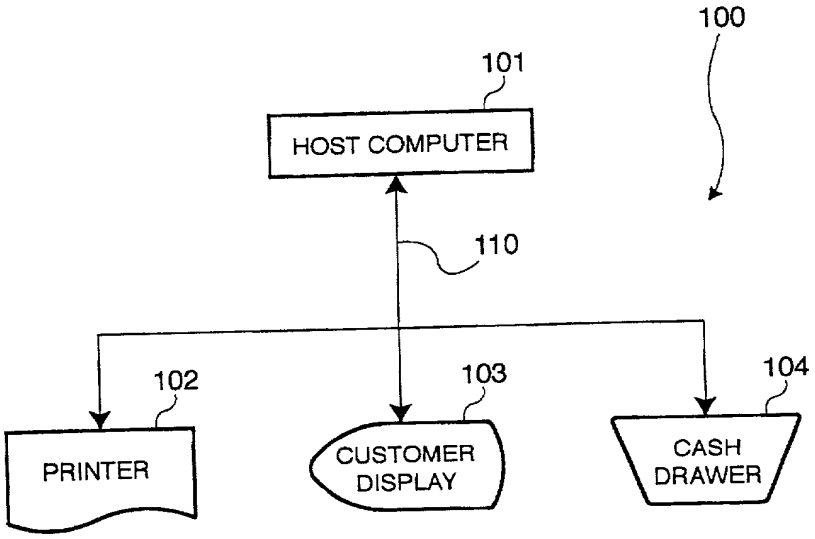

FIG. 1

ADP056978.0141.02

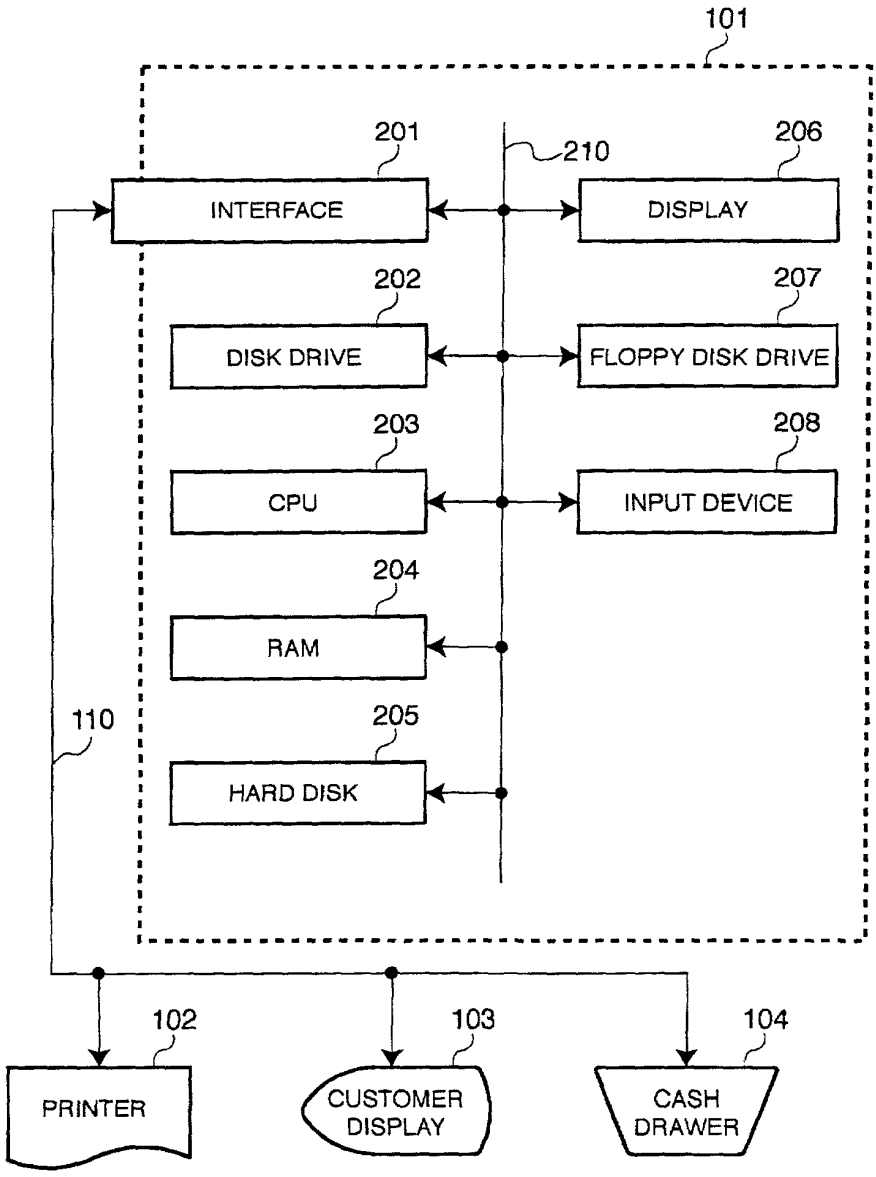

FIG. 2

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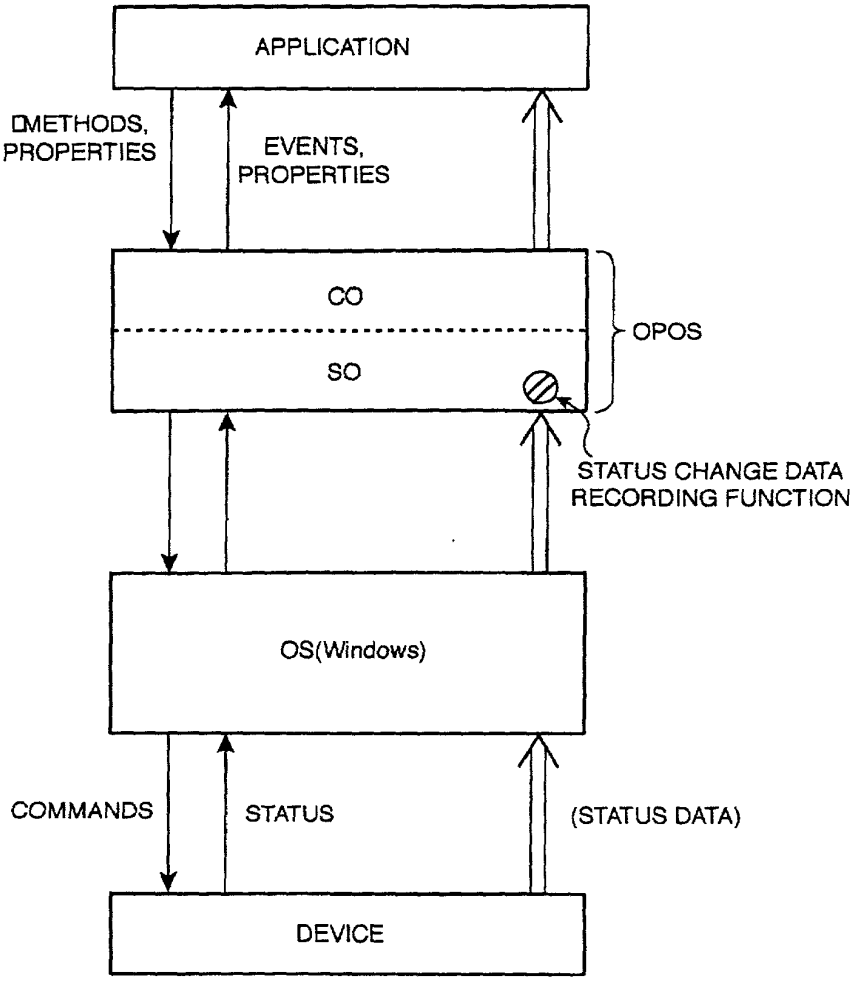

FIG. 3

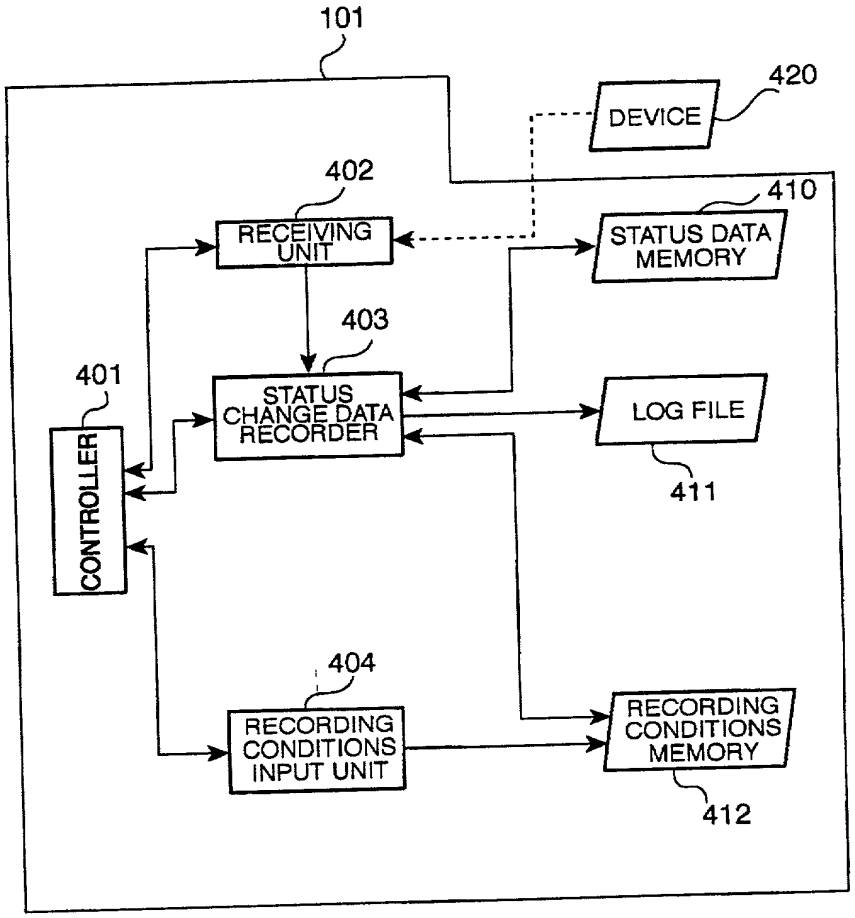
101
420
DEVICE
402
410
RECEIVING UNIT
STATUS DATA MEMORY
403
401
STATUS CHANGE DATA RECORDER
LOG FILE
CONTROLLER
411
404
RECORDING CONDITIONS INPUT UNIT
RECORDING CONDITIONS MEMORY
412

FIG. 4

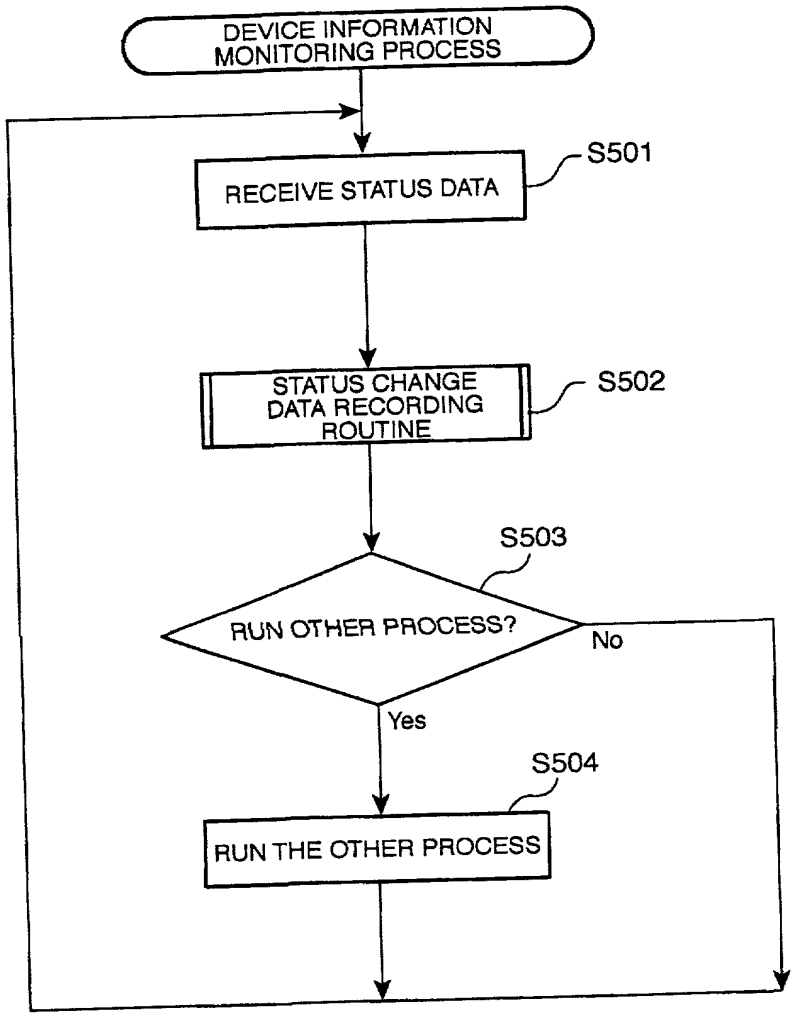
DEVICE INFORMATION MONITORING PROCESS
RECEIVE STATUS DATA
S501
STATUS CHANGE DATA RECORDING ROUTINE
S502
S503
RUN OTHER PROCESS?
No
Yes
S504
RUN THE OTHER PROCESS

FIG. 5

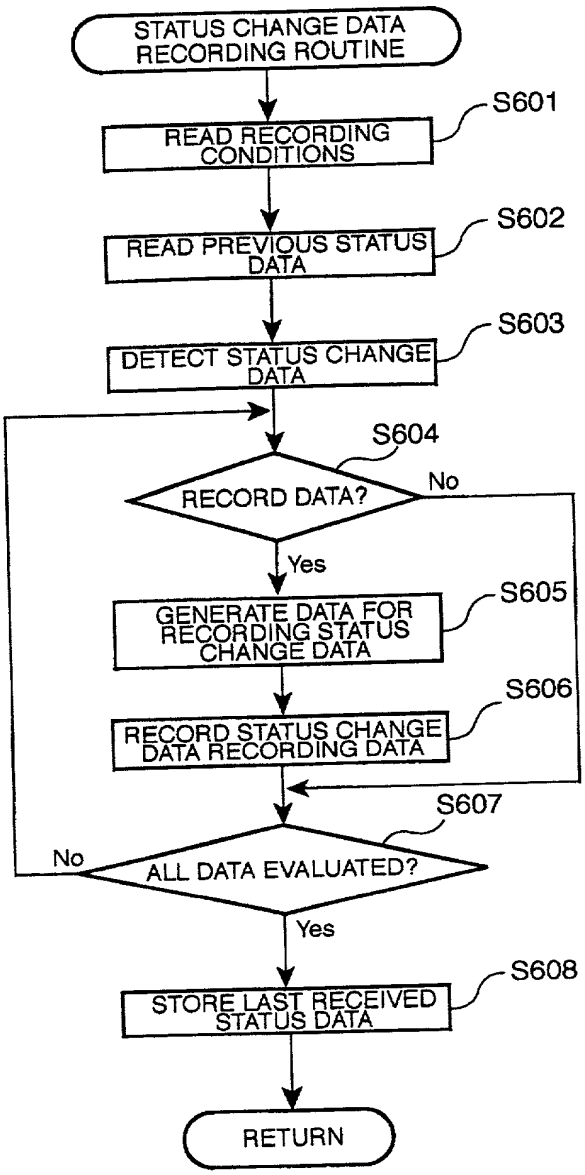
STATUS CHANGE DATA RECORDING ROUTINE
READ RECORDING CONDITIONS
S601
READ PREVIOUS STATUS DATA
S602
DETECT STATUS CHANGE DATA
S603
S604
RECORD DATA?
No
Yes
GENERATE DATA FOR RECORDING STATUS CHANGE DATA
S605
RECORD STATUS CHANGE DATA RECORDING DATA
S606
S607
No
ALL DATA EVALUATED?
Yes
STORE LAST RECEIVED STATUS DATA
S608
RETURN

FIG. 6

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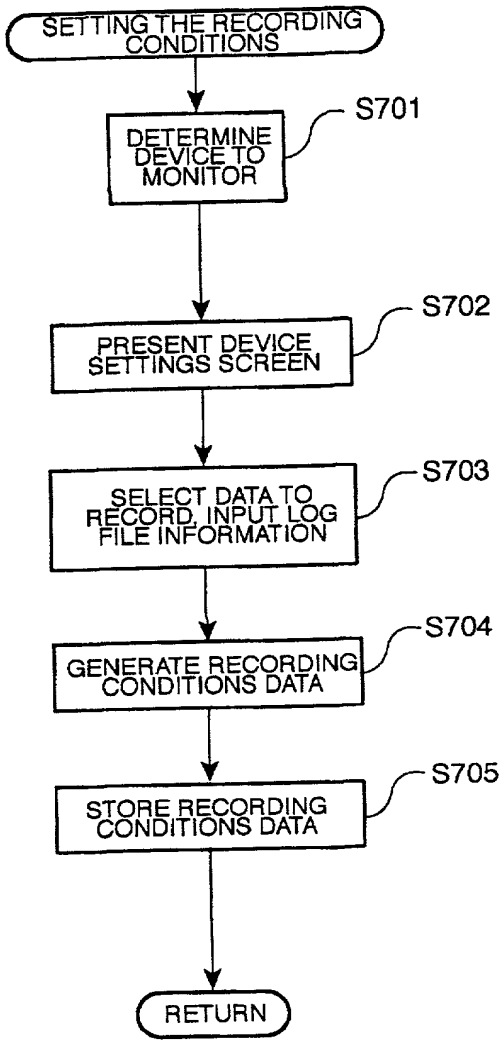

FIG. 7

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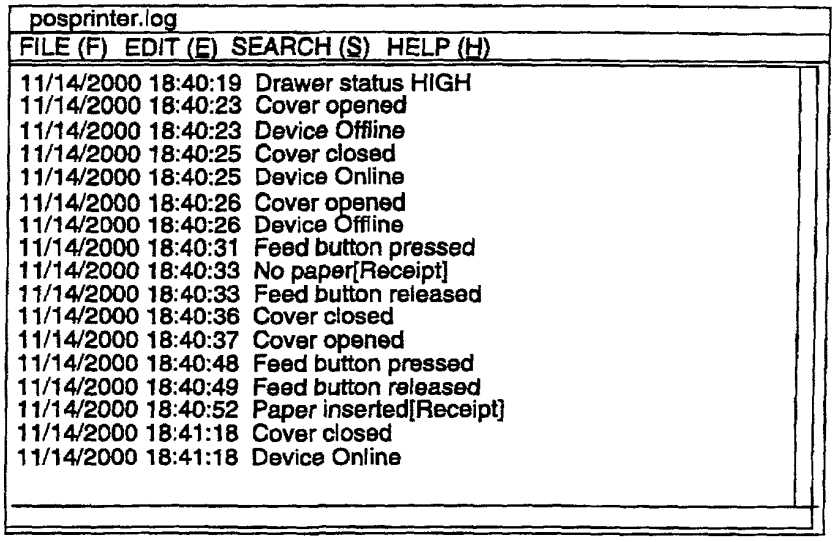

FIG. 8

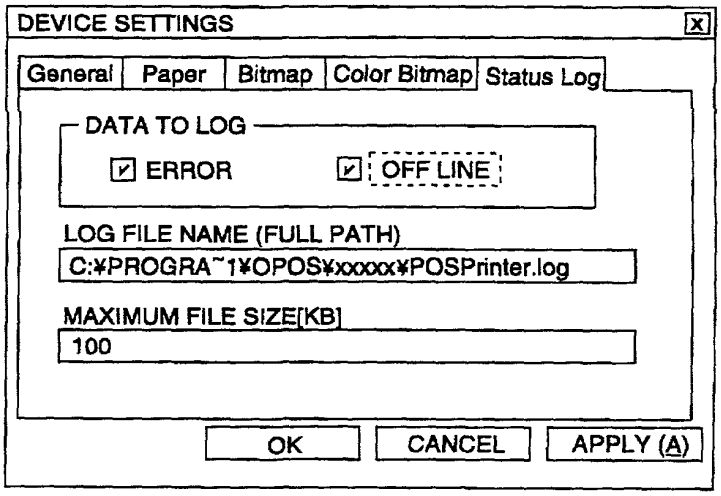

FIG. 9

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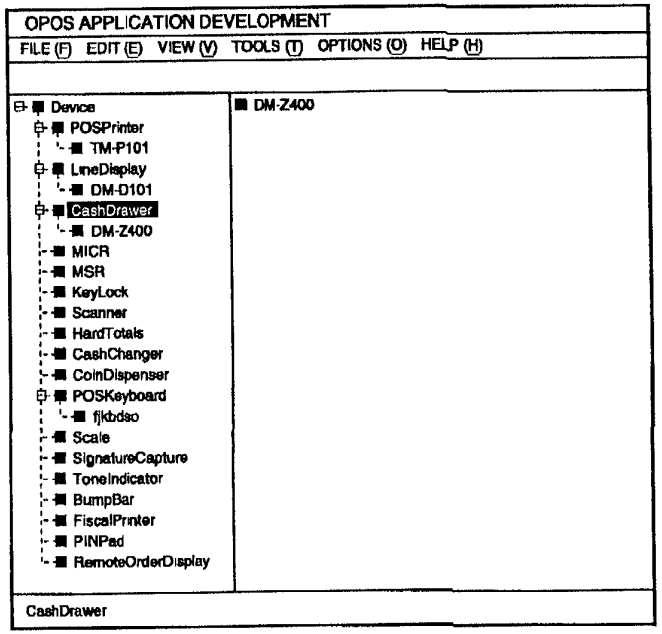

FIG. 10A

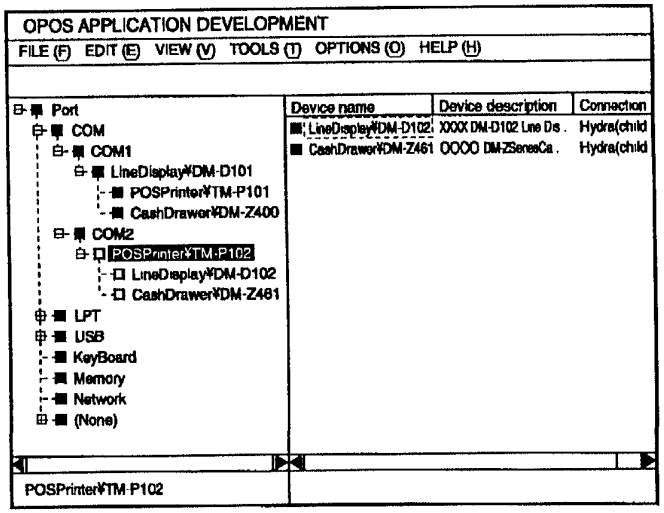

FIG. 10B